

## EAST Search History

| Ref # | Hits    | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|--|------------------|---------|------------------|
| S1    | 1       | ("6151131").PN.                                      | USPAT  | OR               | OFF     | 2007/08/29 09:09 |
| S2    | 20843   | (page\$2 adj descript\$5 adj languag\$3) or (pdl\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/29 09:10 |
| S3    | 53819   | insert\$5 with mark\$3                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/29 09:11 |
| S4    | 296     | S2 and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/29 09:11 |
| S5    | 20534   | scan\$5 with insert\$3                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/29 09:12 |
| S6    | 1808613 | digit\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/29 09:12 |
| S7    | 192     | S4 and S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/29 09:12 |

## EAST Search History

|     |         |             |  |    |    |                  |
|-----|---------|-------------|--|----|----|------------------|
| S8  | 11      | S7 and S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:13 |
| S9  | 165458  | digitiz\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:13 |
| S10 | 5       | S8 and S9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:14 |
| S11 | 1764682 | original\$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:14 |
| S12 | 5       | S10 and S11 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:17 |
| S13 | 2328201 | document\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:17 |
| S14 | 993443  | page\$2     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:18 |

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|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| S15 | 53819   | mark\$3 with insert\$5                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:18 |
| S16 | 13822   | scan\$3 with insert\$5                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:18 |
| S17 | 1764682 | original\$5                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:19 |
| S18 | 165458  | digitiz\$5                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:19 |
| S19 | 206     | S13 and S14 and S15 and S16                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:20 |
| S20 | 149     | S13 and S14 and S15 and S16 and S17         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:20 |
| S21 | 47      | S13 and S14 and S15 and S16 and S17 and S18 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:20 |

## EAST Search History

|     |         |  |  |    |    |                  |
|-----|---------|--|--|----|----|------------------|
| S22 | 3005063 | client\$3 or host\$3 or computer\$3 or pc\$2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:28 |
| S23 | 539975  | server\$3                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:22 |
| S24 | 46      | S21 and S22                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:23 |
| S25 | 23      | S21 and S22 and S23                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:23 |
| S26 | 2170064 | print\$3                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:24 |
| S27 | 20      | S25 and S26                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:24 |
| S28 | 3       | S27 and S2                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:25 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S29 | 8      | S19 and S2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:27 |
| S30 | 385705 | ((remote) with (client\$3 or host\$3 or computer\$3 or pc\$2 or apparatus or device or comput\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:20 |
| S31 | 8392   | ((remote) with (client\$3 or host\$3 or computer\$3 or pc\$2 or apparatus or device or comput\$3)) same (original\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:30 |
| S32 | 8399   | ((remote) with (client\$3 or host\$3 or computer\$3 or pc\$2 or apparatus\$2 or device\$2 or comput\$3)) same (original\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:30 |
| S33 | 851    | ((remote) with (client\$3 or host\$3 or computer\$3 or pc\$2 or apparatus\$2 or device\$2 or comput\$3)) same (original\$3) same (page\$2 or sheet\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:31 |
| S34 | 72     | ((remote) with (client\$3 or host\$3 or computer\$3 or pc\$2 or apparatus\$2 or device\$2 or comput\$3)) same (original\$3) same (page\$2 or sheet\$2) same (S2 or command\$3)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:31 |
| S35 | 47     | ((remote) with (client\$3 or host\$3 or computer\$3 or pc\$2 or apparatus\$2 or device\$2 or comput\$3)) same (original\$3) same (page\$2 or sheet\$2) same (S2 or command\$3)) and (print\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 09:32 |

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|     |       |   |  |    |     |                  |
|-----|-------|---|--|----|-----|------------------|
| S36 | 31    | ((remote) with (client\$3 or host\$3 or computer\$3 or pc\$2 or apparatus\$2 or device\$2 or comput\$3)) same (original\$3) same (page\$2 or sheet\$2) same (S2 or command\$3)) and (print\$3 same original\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 09:33 |
| S37 | 19    | ((remote) with (client\$3 or host\$3 or computer\$3 or pc\$2 or apparatus\$2 or device\$2 or comput\$3)) same (original\$3) same (page\$2 or sheet\$2) same (S2 or command\$3)) and (print\$3 same original\$3 same proces\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 09:34 |
| S38 | 19    | ((remote) with (client\$3 or host\$3 or computer\$3 or pc\$2 or apparatus\$2 or device\$2 or comput\$3)) same (original\$3) same (page\$2 or sheet\$2) same (S2 or command\$3)) and (print\$3 same original\$3 same proces\$5 same (page\$2 or sheet\$2))                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 09:35 |
| S39 | 15    | ((remote) with (client\$3 or host\$3 or computer\$3 or pc\$2 or apparatus\$2 or device\$2 or comput\$3)) same (original\$3) same (page\$2 or sheet\$2) same (S2 or command\$3)) and (print\$3 same original\$3 same proces\$5 same (page\$2 or sheet\$2) same (S2 or command\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 09:49 |
| S40 | 27497 | (358/1.13,1.15,1.18,1.1,1.2,1.6,1.9,1.11,1.14,1.16,1.17,530,407,474,468).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:50 |
| S41 | 1785  | (347/2,3,5).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:50 |
| S42 | 4687  | (715/500,513).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:51 |

## EAST Search History

|     |       |                          |  |    |     |                  |
|-----|-------|--------------------------|--|----|-----|------------------|
| S43 | 5283  | (399/1,8,2).CCLS.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:51 |
| S44 | 38861 | S40 or S41 or S42 or S43 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:53 |
| S45 | 53    | S44 and S4               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:53 |
| S46 | 46    | S44 and S7               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:53 |
| S47 | 3     | S44 and S8               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:53 |
| S48 | 1     | S44 and S10              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:53 |
| S49 | 1     | S44 and S12              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:54 |

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|     |    |             |  |    |     |                  |
|-----|----|-------------|--|----|-----|------------------|
| S50 | 31 | S44 and S19 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:54 |
| S51 | 26 | S44 and S20 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:54 |
| S52 | 5  | S44 and S21 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:54 |
| S53 | 5  | S44 and S24 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:55 |
| S54 | 3  | S44 and S25 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:55 |
| S55 | 3  | S44 and S27 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:55 |
| S56 | 1  | S44 and S28 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:55 |



## EAST Search History

|     |     |             |  |    |     |                  |
|-----|-----|-------------|--|----|-----|------------------|
| S57 | 3   | S44 and S29 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:56 |
| S58 | 134 | S44 and S33 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:56 |
| S59 | 12  | S44 and S34 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:56 |
| S60 | 7   | S44 and S35 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:56 |
| S61 | 5   | S44 and S36 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:56 |
| S62 | 3   | S44 and S37 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:57 |
| S63 | 3   | S44 and S38 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:57 |

## EAST Search History

|     |       |  |  |    |     |                  |
|-----|-------|--|--|----|-----|------------------|
| S64 | 2     | S44 and S39  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:57 |
| S65 | 365   | S44 and S31  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:57 |
| S66 | 365   | S44 and S32  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 09:57 |
| S67 | 46583 | (page\$2 adj descript\$5 adj languag\$3)<br>or (pdl\$3) or (postscript\$3) or (pcl\$2)<br>or (print\$3 adj control\$3 adj<br>languag\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:03 |
| S68 | 53819 | insert\$5 with mark\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:04 |
| S69 | 13822 | insert\$5 with scan\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:04 |
| S70 | 20791 | insert\$5 with scan\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:04 |

## EAST Search History

|     |         |                       |  |    |    |                  |
|-----|---------|-----------------------|--|----|----|------------------|
| S71 | 42      | S67 and S68 and S70   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:05 |
| S72 | 2       | S67 same S68 same S70 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:05 |
| S73 | 2328201 | document\$3           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:06 |
| S74 | 36      | S71 and S73           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:06 |
| S75 | 4040319 | page\$2 or sheet\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:07 |
| S76 | 35      | S74 and S75           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:08 |
| S77 | 1764297 | original\$3           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:08 |

## EAST Search History

|     |        |                            |  |    |    |                  |
|-----|--------|----------------------------|--|----|----|------------------|
| S78 | 32     | S76 and S77                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:15 |
| S79 | 41588  | insert\$5 with original\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:16 |
| S80 | 110431 | S68 or S70 or S79          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:16 |
| S81 | 1571   | S67 and S80                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:17 |
| S82 | 123    | S67 same S80               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:17 |
| S83 | 165458 | digitiz\$5                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:17 |
| S84 | 171    | S81 and S83                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:18 |

## EAST Search History

|     |          |  |  |    |     |                  |
|-----|----------|--|--|----|-----|------------------|
| S85 | 8        | S82 and S83  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:18 |
| S86 | 903406   | (without) with (convert\$5 or<br>process\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:19 |
| S87 | 14987737 | (client\$3 or host\$3 or computer\$3 or<br>pc\$2 or apparatus or device or<br>comput\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:20 |
| S88 | 27497    | (358/1.13,1.15,1.18,1.1,1.2,1.6,1.9,1.<br>11,1.14,1.16,1.17,530,407,474,468).<br>CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 15:56 |
| S89 | 1785     | (347/2,3,5).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 15:56 |
| S90 | 4687     | (715/500,513).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 15:56 |
| S91 | 5283     | (399/1,8,2).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 15:56 |

## EAST Search History

|     |         |  |  |    |     |                  |
|-----|---------|--|--|----|-----|------------------|
| S92 | 38861   | S88 or S89 or S90 or S91   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29 15:56 |
| S93 | 46583   | (page\$2 adj descript\$5 adj languag\$3)<br>or (pdl\$3) or (postscript\$3) or (pcl\$2)<br>or (print\$3 adj control\$3 adj<br>languag\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:56 |
| S94 | 53819   | insert\$5 with mark\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:56 |
| S95 | 20791   | insert\$5 with scan\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:56 |
| S96 | 42      | S93 and S94 and S95  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:56 |
| S97 | 9       | S92 and S96  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:58 |
| S98 | 2328201 | document\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29 15:58 |

## EAST Search History

|          |         |                     |  |    |    |                  |
|----------|---------|---------------------|--|----|----|------------------|
| S99      | 36      | S96 and S98         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:58 |
| S10<br>0 | 9       | S92 and S99         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:58 |
| S10<br>1 | 4040319 | page\$2 or sheet\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:58 |
| S10<br>2 | 35      | S99 and S101        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:58 |
| S10<br>3 | 9       | S92 and S102        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:59 |
| S10<br>4 | 1764297 | original\$3         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:59 |
| S10<br>5 | 32      | S102 and S104       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:59 |

## EAST Search History

|          |        |                            |  |    |    |                  |
|----------|--------|----------------------------|--|----|----|------------------|
| S10<br>6 | 9      | S92 and S105               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:59 |
| S10<br>7 | 41588  | insert\$5 with original\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:59 |
| S10<br>8 | 110431 | S94 or S95 or S107         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:59 |
| S10<br>9 | 1571   | S93 and S108               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 15:59 |
| S11<br>0 | 274    | S92 and S109               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 16:00 |
| S11<br>1 | 123    | S93 same S108              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 16:00 |
| S11<br>2 | 34     | S92 and S111               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 16:00 |



## EAST Search History

|          |          |  |  |    |    |                  |
|----------|----------|--|--|----|----|------------------|
| S11<br>3 | 165458   | digitiz\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 16:00 |
| S11<br>4 | 171      | S109 and S113  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 16:00 |
| S11<br>5 | 27       | S92 and S114   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 16:00 |
| S11<br>6 | 8        | S111 and S113  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 16:00 |
| S11<br>7 | 3        | S92 and S116   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 16:01 |
| S11<br>8 | 903406   | (without) with (convert\$5 or<br>process\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 16:01 |
| S11<br>9 | 14987737 | (client\$3 or host\$3 or computer\$3 or<br>pc\$2 or apparatus or device or<br>comput\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 16:01 |

## EAST Search History

| Ref # | Hits   | Search Query   | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|----------|------------------|---------|------------------|
| S1    | 56712  | remot\$3.clm.  | US-PGPUB | OR               | OFF     | 2007/08/29 17:57 |
| S2    | 23308  | original\$3.clm.   | US-PGPUB | OR               | OFF     | 2007/08/29 17:58 |
| S3    | 23846  | page\$3.clm.   | US-PGPUB | OR               | OFF     | 2007/08/29 17:58 |
| S4    | 45246  | command\$3.clm.  | US-PGPUB | OR               | ON      | 2007/08/29 17:58 |
| S5    | 71883  | print\$3.clm.  | US-PGPUB | OR               | ON      | 2007/08/29 17:58 |
| S6    | 433099 | process\$3.clm.  | US-PGPUB | OR               | ON      | 2007/08/29 17:59 |
| S7    | 4      | S1 and S2 and S3 and S4 and S5 and S6  | US-PGPUB | OR               | ON      | 2007/08/29 17:59 |
| S8    | 200339 | input\$3.clm.  | US-PGPUB | OR               | ON      | 2007/08/29 17:59 |
| S9    | 4      | S7 and S8  | US-PGPUB | OR               | ON      | 2007/08/29 18:00 |
| S10   | 104572 | controller.clm.  | US-PGPUB | OR               | ON      | 2007/08/29 18:00 |
| S11   | 2      | S9 and S10   | US-PGPUB | OR               | ON      | 2007/08/29 18:02 |
| S12   | 62124  | (series).clm.  | US-PGPUB | OR               | ON      | 2007/08/29 18:02 |
| S13   | 1      | S12 and S2 and S1 and S3 and S4  | US-PGPUB | OR               | ON      | 2007/08/29 18:03 |
| S14   | 87     | (specific adj page).clm.   | US-PGPUB | OR               | ON      | 2007/08/29 18:04 |
| S15   | 260    | (series with original\$3).clm.   | US-PGPUB | OR               | ON      | 2007/08/29 18:04 |
| S16   | 0      | S14 and S15  | US-PGPUB | OR               | ON      | 2007/08/29 18:04 |
| S17   | 774    | (command\$3 and print\$3 and controller).clm.  | US-PGPUB | OR               | ON      | 2007/08/29 18:05 |
| S18   | 774    | (command\$3 and print\$3 and controller\$2).clm.   | US-PGPUB | OR               | ON      | 2007/08/29 18:05 |
| S19   | 168    | (command\$3 and print\$3 and controller\$2 and remot\$3).clm.  | US-PGPUB | OR               | ON      | 2007/08/29 18:05 |
| S20   | 43     | (command\$3 and print\$3 and controller\$2 and remot\$3 and page\$2).clm.                                | US-PGPUB | OR               | ON      | 2007/08/29 18:05 |
| S21   | 17     | (command\$3 and print\$3 and controller\$2 and remot\$3 and page\$2 and process\$5).clm.                 | US-PGPUB | OR               | ON      | 2007/08/29 18:06 |
| S22   | 2      | (command\$3 and print\$3 and controller\$2 and remot\$3 and page\$2 and process\$5 and original\$3).clm. | US-PGPUB | OR               | ON      | 2007/08/29 18:08 |
| S23   | 33314  | (without and process\$5).clm.  | US-PGPUB | OR               | ON      | 2007/08/29 18:08 |
| S24   | 2438   | (without and process\$5 and print\$3).clm.   | US-PGPUB | OR               | ON      | 2007/08/29 18:09 |
| S25   | 197    | (without and process\$5 and print\$3 and original\$3).clm.   | US-PGPUB | OR               | ON      | 2007/08/29 18:09 |
| S26   | 64     | (without and process\$5 and print\$3 and original\$3 and remot\$3).clm.                                  | US-PGPUB | OR               | ON      | 2007/08/29 18:09 |

## EAST Search History

|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| S27 | 7  | (without and process\$5 and print\$3 and original\$3 and remot\$3 and page\$3).clm.                              | US-PGPUB   | OR | ON | 2007/08/29 18:09 |
| S28 | 3  | (without and process\$5 and print\$3 and original\$3 and remot\$3 and page\$3 and command\$3).clm.               | US-PGPUB   | OR | ON | 2007/08/29 18:11 |
| S29 | 0  | (without and process\$5 and print\$3 and original\$3 and remot\$3 and page\$3 and command\$3 and series\$2).clm. | US-PGPUB   | OR | ON | 2007/08/29 18:11 |
| S30 | 0  | (process\$5 and print\$3 and original\$3 and remot\$3 and page\$3 and command\$3 and series\$2).clm.             | US-PGPUB   | OR | ON | 2007/08/29 18:11 |
| S31 | 4  | (process\$5 and print\$3 and original\$3 and remot\$3 and page\$3 and command\$3).clm.                           | US-PGPUB   | OR | ON | 2007/08/29 18:12 |
| S32 | 93 | (Naoto near9 Arakawa).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:13 |
| S33 | 35 | S32 and command\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:23 |
| S34 | 32 | S32 and (command\$3 and print\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:16 |
| S35 | 12 | S32 and (command\$3 and print\$3 and page\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:16 |

## EAST Search History

|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| S36 | 10 | S32 and (command\$3 and print\$3 and page\$2 and original\$3)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:17 |
| S37 | 10 | S32 and (command\$3 and print\$3 and page\$2 and original\$3 and process\$3)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:22 |
| S38 | 2  | S32 and (command\$3 and print\$3 and page\$2 and original\$3 and process\$3 and remot\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:15 |
| S39 | 5  | S32 and (command\$3.clm.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:16 |
| S40 | 5  | S32 and ((command\$3 and print\$3).clm.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:16 |
| S41 | 3  | S32 and ((command\$3 and print\$3 and page\$2).clm.)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:16 |
| S42 | 1  | S32 and ((command\$3 and print\$3 and page\$2 and original\$3).clm.)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:17 |

## EAST Search History

|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| S43 | 2   | S32 and (specific\$2 adj page\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:25 |
| S44 | 1   | S32 and ((specific\$2 adj page\$2).clm.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29 18:24 |
| S45 | 5   | S14 and S2   | US-PGPUB   | OR | ON | 2007/08/29 18:27 |
| S46 | 0   | S14 and S2 and S4  | US-PGPUB   | OR | ON | 2007/08/29 18:26 |
| S47 | 1   | S14 and S2 and S5  | US-PGPUB   | OR | ON | 2007/08/29 18:26 |
| S48 | 60  | (series and originals and remote).clm.   | US-PGPUB   | OR | ON | 2007/08/29 18:27 |
| S49 | 7   | (series and originals and remote and print\$3).clm.  | US-PGPUB   | OR | ON | 2007/08/29 18:27 |
| S50 | 0   | (series and originals and remote and print\$3 and command\$2).clm.                         | US-PGPUB   | OR | ON | 2007/08/29 18:28 |
| S51 | 5   | (series and originals and remote and print\$3 and process\$5).clm.                         | US-PGPUB   | OR | ON | 2007/08/29 18:28 |
| S52 | 703 | (first and second and series and original\$3).clm.   | US-PGPUB   | OR | ON | 2007/08/29 18:29 |
| S53 | 3   | (first and second and series and original\$3 and page\$2 and command\$2).clm.              | US-PGPUB   | OR | ON | 2007/08/29 18:30 |
| S54 | 1   | (first and second and series and original\$3 and page\$2 and command\$2 and print\$3).clm. | US-PGPUB   | OR | ON | 2007/08/29 18:30 |